

T.A.R.U. OPERATIONAL GUIDE



SUBJECT	USE OF 4-LEGGED ROBOT (AKA SPOT)	
DATE ISSUED	DATE REVISED	NUMBER
		TARU-10



PURPOSE

To inform members of TARU of the circumstances under which a Four-Legged Robot (AKA-Spot/Digidog) can be utilized.

SCOPE

T.A.R.U. along with multiple other units (ESU / Bomb Squad) currently deploy Unmanned Ground Robots when requested by Emergency Services Unit at critical incidents, hostage situations and barricaded subject incidents. The utilization of these UGR's is to provide situational awareness to members of the service, reduce risk and exposure of members of the service to hazardous environments, preserve human life, facilitate communication with subjects and assist in safe resolution to incidents. There are limited circumstances under which a Four-Legged Robot may be utilized. These circumstances include any incident in which placing a member of the service into the location will pose an undue risk of human life to any participants in the incident and which utilization of such four-legged robot will assist in ending the situation in a safe resolution. Such incidents include

- Search and rescue operations
- Evidence search at inaccessible locations
- Hazardous material incidents
- Hostage / Barricade incidents
- Public safety, emergency or other situations with approval of the Chief of Department

DEFINITIONS

UNMANNED GROUND ROBOT (UGR) – A robot that operates while in contact with the ground and without an onboard human presence.

FOUR-LEGGED ROBOT – A type of UGV that operates utilizing four legs for maneuverability.

PROCEDURE

When necessary to utilize a Department Four-Legged Robot and requested by a Captain or above.

TARU SUPERVISOR

- Make determination as to whether circumstances dictate utilization of Four-Legged Robot.
- Notify Commanding/Executive Officer of T.A.R.U. of request to utilize a department Four-Legged Robot and circumstances of incident.
- Assign only a trained member of TARU to operate Four-Legged Robot.

TARU MEMBER

- Act as operator of Four-Legged Robot.
 - Only trained members of TARU may operate such.
- Ensure robot is deployed in a safe manner and no persons are placed in unnecessary danger by being in close proximity to robot.

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6. Immediately return Four-Legged Robot to safe area upon completion of incident or when circumstances dictate removing robot from location.
7. Maintain log of each Four-Legged Robot deployment by date, time, location, purpose, TARU member operating, and authorizing member

Additional Data

The current iteration of purchase Four-Legged Robot does not support recorded video. If any images are recorded (ie. Through live transmission through Domain Awareness System, or where future version does support recorded video) images will be retained for 30 days. Images that contain evidence of a crime will be preserved for criminal prosecution. The legal bureau may extend the retention period, if the images are needed for civil litigation, subpoena production, FOIL requests or other legal processes.

Furthermore, certain restrictions apply to the use of a Four-Legged Robot, consistent with the mission of the Department and privacy considerations for the public. These include:

- a. *A Four-Legged Robot cannot be used for the following purposes:*
 - (1) *Surveillance*
 - (2) *Routine Patrol*
 - (3) *Immobilizing suspects or vehicles*
- b. *A Four-Legged Robot will **not** be used as a weapon or equipped with any weapons*
- c. *A Four-Legged Robot will **not** be equipped with facial recognition Software*